



MARINE OPERATIONS

Program Description & Curriculum

About the Program

The purpose of this program is to provide specialized classroom instruction and practical training to prepare students to obtain various documents, licenses, and endorsements issued by the United States Coast Guard (USCG) and the Federal Communications Commission (FCC). These credentials are required for a variety of jobs in the field of marine operations.

The program prepares individuals to obtain credentials for employment on inland, near-coastal, and ocean-going vessels. It also assists individuals who wish to upgrade their credentials. The program provides instruction in subjects associated with marine safety, including seamanship; emergency procedures; communications; navigation; watch keeping; and maritime law.

The program emphasizes safe and efficient work practices and basic occupational skills. Program content is organized

into competency-based courses that the student must successfully complete. These occupational competencies are derived from industry and certification standards. They are essential to achieving success in the marine industry. The Marine Operations program is comprised of individual programs related to a specific certification in the marine industry. For licensing and/or certification, students must meet certain requirements including proof of age and U.S. citizenship, character references, documentation of work experience on vessels, and physical standards including drug screens.

Degrees/Certificates

Technical Competency Area (TCA)

Available degrees and certificates may vary at each campus. Check with your local campus for more information.

CIP 490309

Marine Operations CURRICULUM				
Course #	Course Title	Lecture/Lab Hours	Credit Hours	Clock Hours
MARI 1010	Master/Mate 100/200 Gross Tons-Prep	0/0	0	90
MARI 1020	Master/Mate 500/1600 Gross Tons-Prep	0/0	0	90
MARI 1030	Apprentice Mate (Steersman)	0/0	0	104
MARI 1040	First Aid/CPR	0/0	0	8
MARI 1041	Basic Safety Training	0/0	0	40
MARI 1042	16 Hour Basic Fire Fighting	0/0	0	16
MARI 1043	4 Hour Personal Safety and Social Responsibilities	0/0	0	4
MARI 1044	12 Hour Personal Survival Techniques	0/0	0	12
MARI 1045	16-Hour Personal Survival Techniques With Mets	0/0	0	16
MARI 1046	Basic Safety Training Refresher	0/0	0	23
MARI 1049	Rules of the Road -Prep	0/0	0	18
MARI 1050	Rules of the Road	0/0	0	18
MARI 1059	Ocean Endorsement (Celestial Navigation)--Prep	0/0	0	90
MARI 1060	Oceans Endorsement (Celestial Navigation)	0/0	0	90
MARI 1070	Operator of Un-Inspected Passenger Vessels--Prep	0/0	0	90
MARI 1071	75.5 Hours Operator of Un-Inspected Passenger Vessels	0/0	0	75.5
MARI 1081	16 Hour Lifeboatman	0/0	0	16
MARI 1090	Element 1 Marine Radio Operator	0/0	0	8
MARI 1200	Element 7 Global Maritime Distress and Safety Systems Operator (GMDSS)	0/0	0	18
MARI 1201	70 Hour Global Maritime Distress and Safety Systems Operator (GMDSS)	0/0	0	70
MARI 1210	Rigger	0/0	0	6
MARI 1220	Designated Duty Engineer - Limited--Prep	0/0	0	90
MARI 1230	Designated Duty Engineer - Unlimited--Prep	0/0	0	90
MARI 1240	Fishing Vessel Drill Conductor	0/0	0	8
MARI 1260	Able Seaman - Prep	0/0	0	30
MARI 1261	Able Seaman (46 Hour)	0/0	0	46
MARI 1270	3-Day Radar Observer - Original (Rivers)	0/0	0	24
MARI 1280	4-Day Radar Observer - Original (Inland)	0/0	0	32
MARI 1290	5-Day Radar Observer - Original (Unlimited)	0/0	0	40
MARI 1291	Radar Observer Renewal	0/0	0	8

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Course #	Course Title	Lecture/Lab Hours	Credit Hours	Clock Hours
MARI 1300	30-Hour Proficiency In Survival Craft	0/0	0	30
MARI 1310	82-Hour Master 100 Tons	0/0	0	82
MARI 1320	39-Hour Upgrade Master 100 Ton To 200 Gross Tons	0/0	0	39
MARI 1330	40-Hour Combined Basic and Advanced Firefighting	0/0	0	40
MARI 1340	24-Hour Bridge Resource Management	0/0	0	24
MARI 1350	Confined Space	0/0	0	8
MARI 1360	Crane Operator	0/0	0	24
MARI 1380	16.5-Hour Fire Fighting Tank Barge	0/0	0	16.5
MARI 1390	Hazwoper 24 Hour	0/0	0	24
MARI 1391	Hazwoper 40 Hour	0/0	0	40
MARI 1392	Hazwoper 8 Hour Refresher	0/0	0	8
MARI 1400	Helideck Crew Member	0/0	0	8
MARI 1410	Helicopter Landing Officer	0/0	0	16
MARI 1420	Line Handling	0/0	0	8
MARI 1430	24-Hour Medical Care Provider	0/0	0	24
MARI 1440	40-Hour Medical Person In Charge	0/0	0	40
MARI 1450	8-Hour On-Board Assessor	0/0	0	8
MARI 1470	PEC Oil Patch Preparation System (OPPS)	0/0	0	68
MARI 1471	Vessel Security Awareness	0/0	0	4
MARI 1473	Vessel Security Officer	0/0	0	12
MARI 1474	8-Hour API Incipient Fire Fighting	0/0	0	8
MARI 1475	Core Compliance Awareness Training Course Initial	0/0	0	8
MARI 1476	Core Compliance Awareness Training Course Annual	0/0	0	8
MARI 1477	8-Hour Personal Survival	0/0	0	8
MARI 1478	12-Hour Personal Survival With Mets	0/0	0	12
MARI 1479	Safe Gulf	0/0	0	12
MARI 1480	Qmed-Oiler OSV Qualified Member of the Engine Department-Oiler Offshore Vessel	0/0	0	66
MARI 1490	Ratings Forming Part of a Engineering Watch	0/0	0	16
MARI 1500	Rating Forming Part of a Navigational Watch	0/0	0	16
MARI 1510	32-Hour Tank Barge Dangerous Liquids	0/0	0	32
MARI 1520	48-Hour Tank Barge Dangerous Liquid & Liquefied Gas	0/0	0	48
MARI 1530	16-Hour Tank Barge Dangerous Liquids Refresher	0/0	0	16
MARI 1540	16-Hour Tank Barge Liquefied Gases Refresher	0/0	0	16
MARI 1560	12.5-Hour Visual Communications	0/0	0	12.5
MARI 1570	28-Hour Automatic Radar Plotting Aid	0/0	0	28
TCA - Awarded per individual Marine Operations course completed				

Revised: 04/19/12

NON CREDIT COURSE OFFERINGS

ZMAR 1030 (Western Rivers)
 ZMAR 1210 (OMSA PEC Orientation)
 ZMAR 1265 (Two-day AB course)
 ZMAR 1470 (Oceaneering Pool Usage)
 ZMAR 1474 (Incipient Firefighting)
 ZMAR 1480 (H2S), ZMAR 1481 (Omega Protein Fisherman Training)
 ZMAR 1482 (Radar Awareness)
 ZMAR 1483 (Deck Handling)
 ZMAR 1484 (Advanced Ship handling)
 ZMAR 1486 (Cold Water Survival Suite Training)